

Abstract

A portable wireless system for providing a user with access to a computer-based system includes a BARB Badge to interface with the user's body, responsive to a disruption in the interface and including a transceiver to communicate with an external source, a BARB Base to detect a presence of said BARB Badge in a vicinity of said BARB Base and relay secure communications between said BARB Badge and said computer-based system; and an administrator subsystem to regulate interfacing operations of said BARB Badge and said computer-based system based on predetermined administrative protocols. In this way, the overall security of the computer-based system is enhanced while the amount of operational burdens associated with accessing the computer-based system are reduced.